

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060121\
 Data File : VL037093.D
 Acq On : 2 Jun 2021 6:11
 Operator : SY/AP
 Sample : M2548-07DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-4ADL

Manual Integrations
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Quant Time: Jun 06 21:40:19 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue May 18 2021
 QLast Update : Tue May 18 12:00:15 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1360704	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	4186519	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	3764776	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	2693471	9.52	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.01	41	11749	0.132	ppbv	85
13) Ethanol	3.60	45	645639m	54.210	ppbv	
15) Acetone	3.85	43	226051m	1.622	ppbv	
19) Isopropyl Alcohol	3.98	45	88327m	1.179	ppbv	
20) Methylene Chloride	4.33	84	32316	0.433	ppbv	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

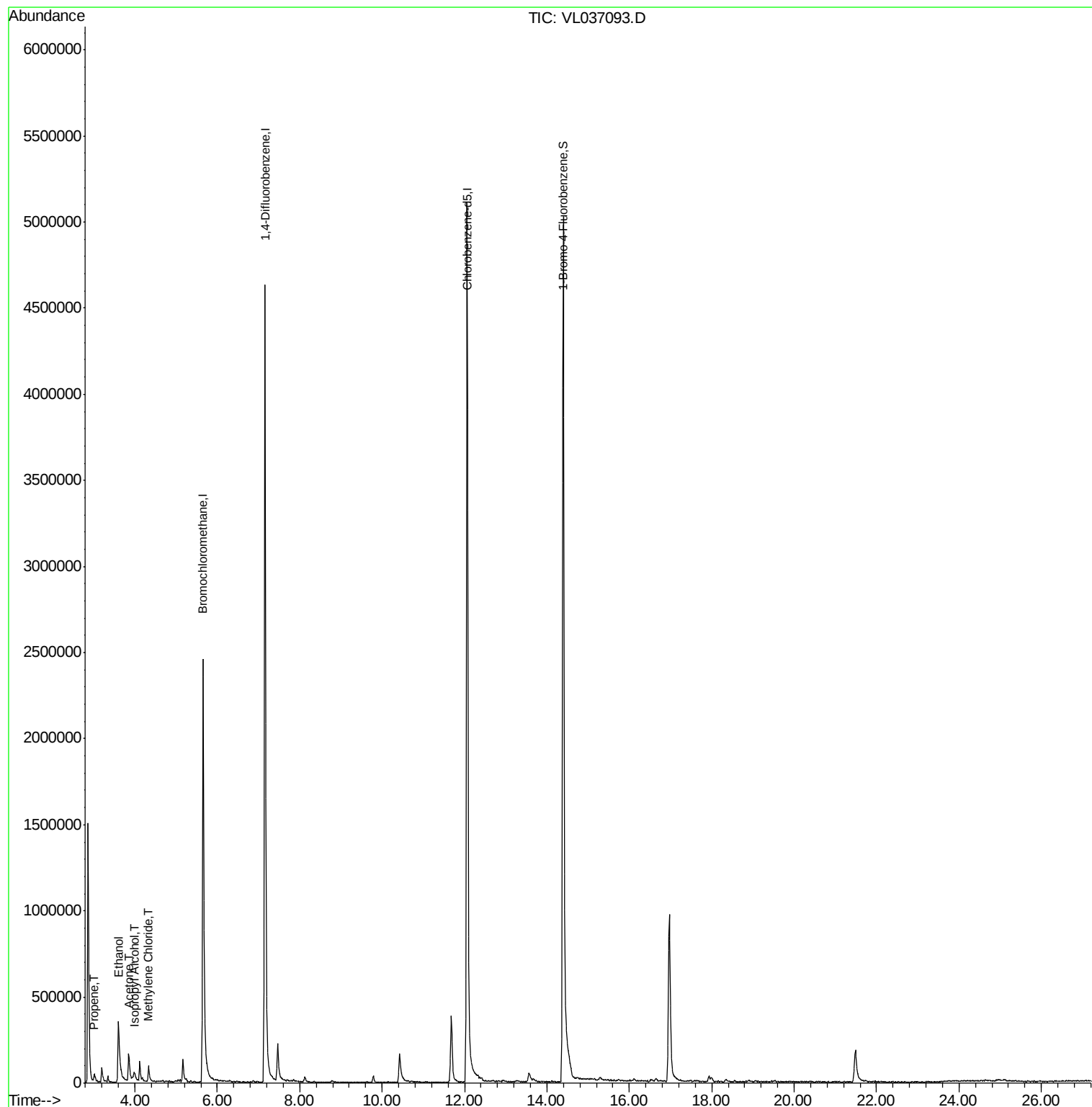
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Data File : VL037093.D
Acq On : 2 Jun 2021 6:11
Operator : SY/AP
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Misc : 400mL/MSVOA L
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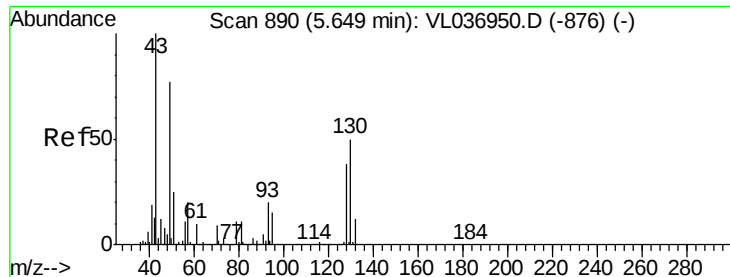
Instrument :
MSVOA_L
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Quant Time: Jun 06 21:40:19 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue May
QLast Update : Tue May 18 12:00:15 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

Delta R.T. 0.00 min

Lab File: VL037093.D

Acq: 2 Jun 2021 6:11

Instrument :

MSVOA_L

ClientSampleId :

IA-4ADL

Tot Ion: 49 Resp: 1360704

Ion Ratio Lower Upper

49 100

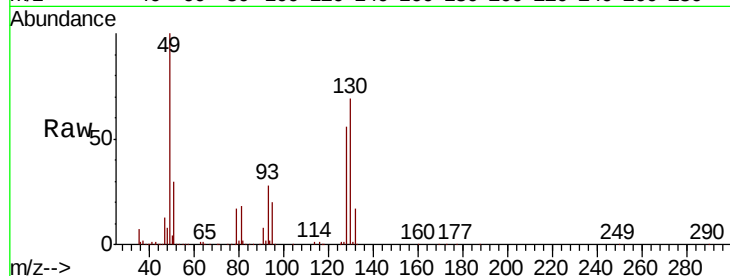
128 59.3 26.9 80.7

130 77.0 33.8 101.4

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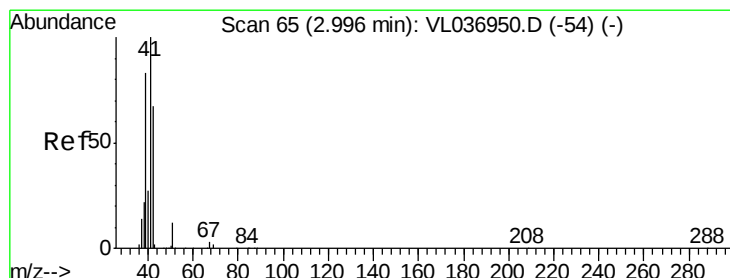
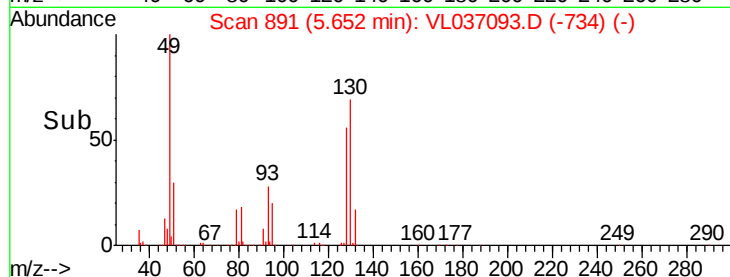
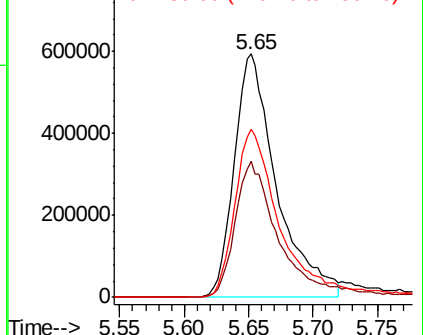
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#9

Propene

Concen: 0.132 ppbv

RT: 3.01 min Scan# 70

Delta R.T. 0.02 min

Lab File: VL037093.D

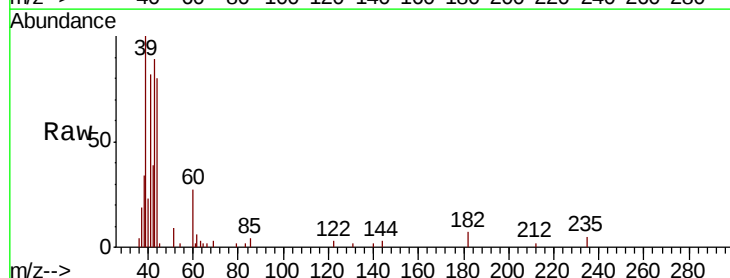
Acq: 2 Jun 2021 6:11

Tgt Ion: 41 Resp: 11749

Ion Ratio Lower Upper

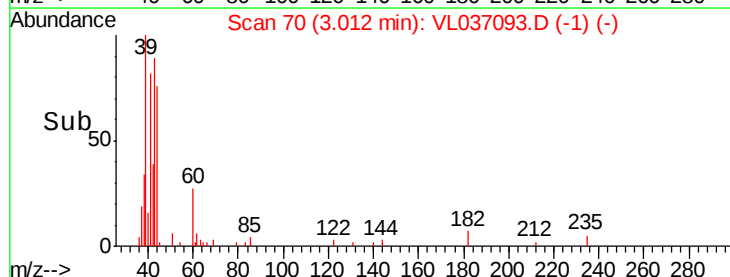
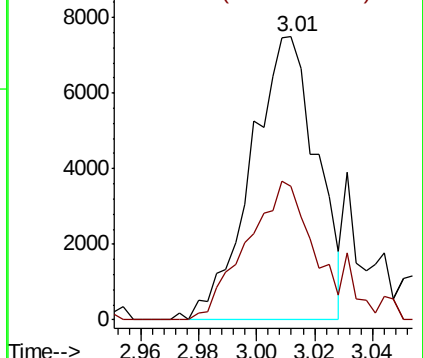
41 100

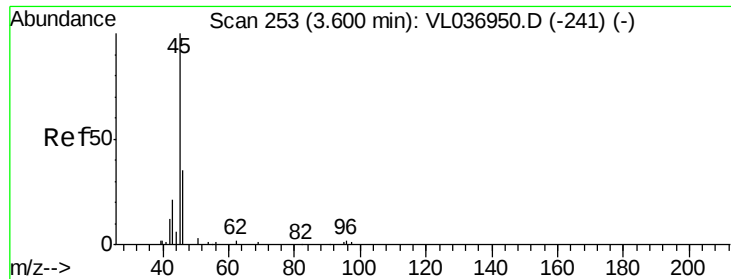
42 55.4 53.9 80.9



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





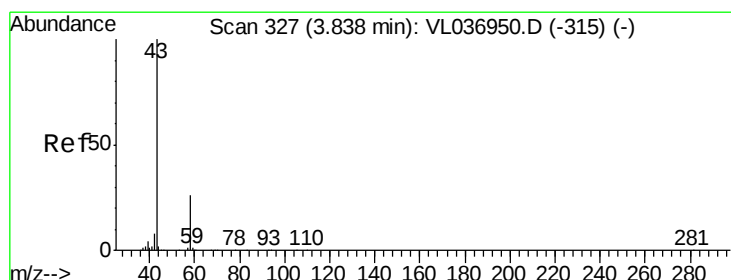
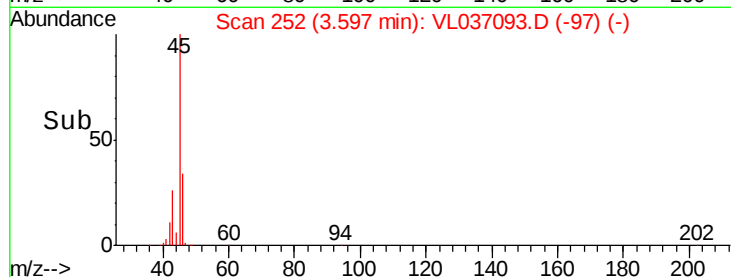
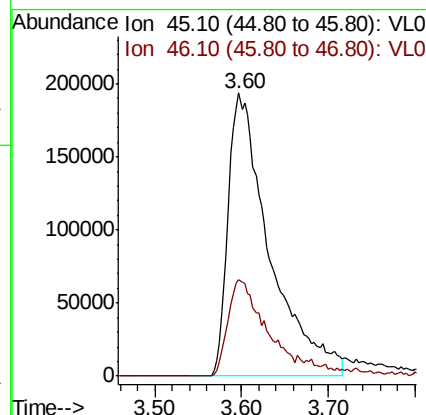
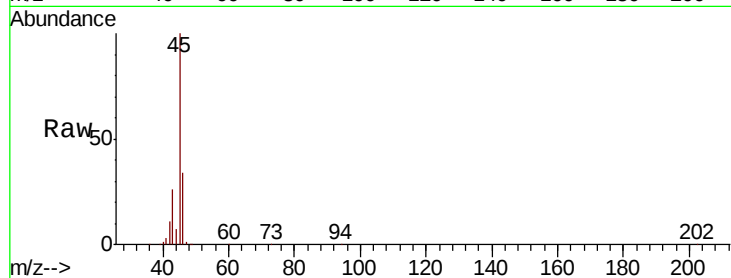
#13
Ethanol
Concen: 54.210 ppbv m
RT: 3.60 min Scan# 252
Delta R.T. -0.00 min
Lab File: VL037093.D
Acq: 2 Jun 2021 6:11

Instrument :
MSVOA_L
ClientSampleId :
IA-4ADL

Tot Ion	45	46	Ratio	Lower	Upper
45	100				
46	0.0		16.3	65.3#	

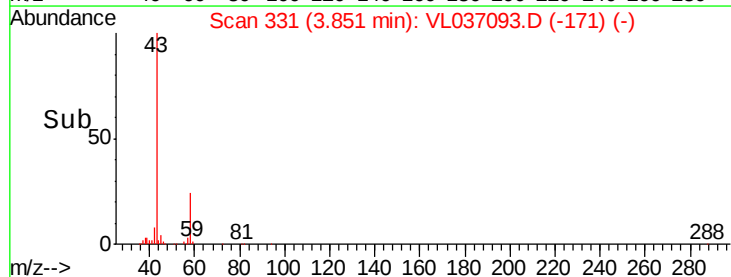
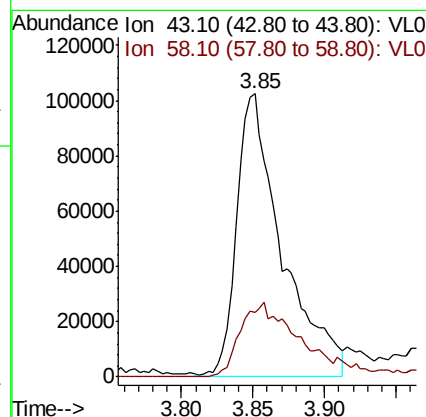
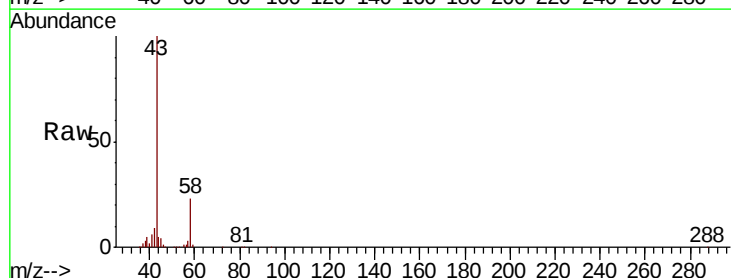
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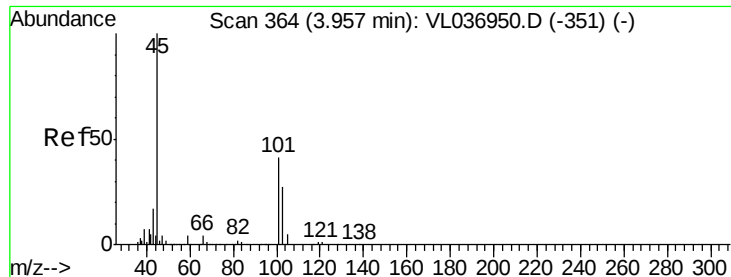
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#15
Acetone
Concen: 1.622 ppbv m
RT: 3.85 min Scan# 331
Delta R.T. 0.01 min
Lab File: VL037093.D
Acq: 2 Jun 2021 6:11

Tgt Ion	43	58	Ratio	Lower	Upper
43	100				
58	36.4		24.0	36.0#	





#19

Isopropyl Alcohol

Concen: 1.179 ppbv m

RT: 3.98 min Scan# 370

Delta R.T. 0.02 min

Lab File: VL037093.D

Acq: 2 Jun 2021 6:11

Instrument :

MSVOA_L

ClientSampleId :

IA-4ADL

Tot Ion: 45 Resp: 88327

Ion Ratio Lower Upper

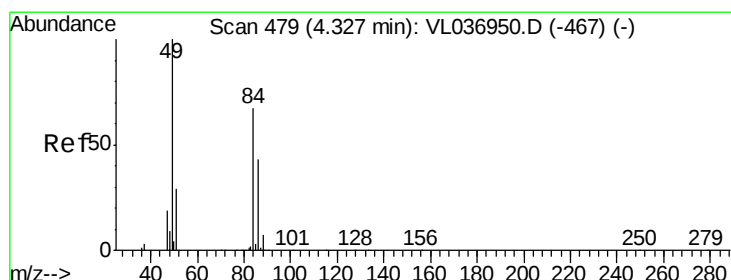
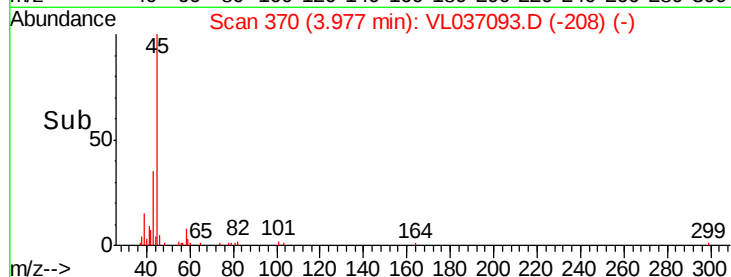
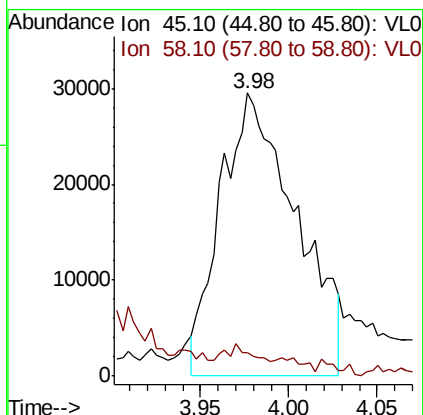
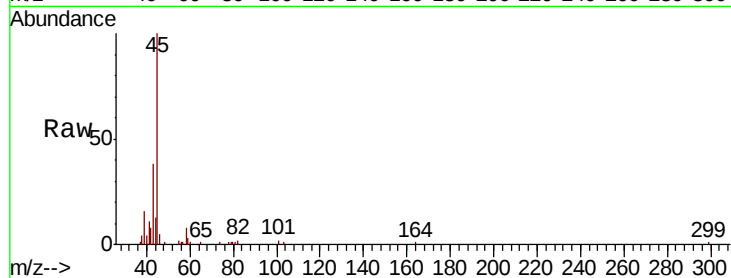
45 100

58 9.8 37.2 55.8#

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#20

Methylene Chloride

Concen: 0.433 ppbv

RT: 4.33 min Scan# 481

Delta R.T. 0.01 min

Lab File: VL037093.D

Acq: 2 Jun 2021 6:11

Tgt Ion: 84 Resp: 32316

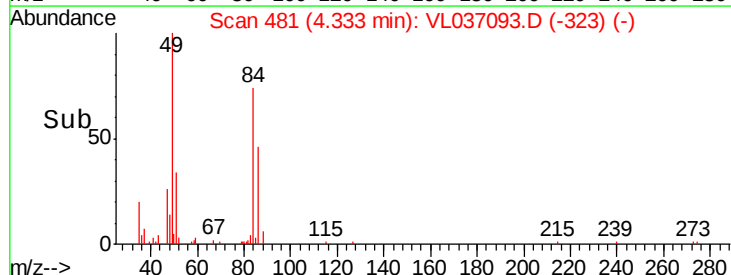
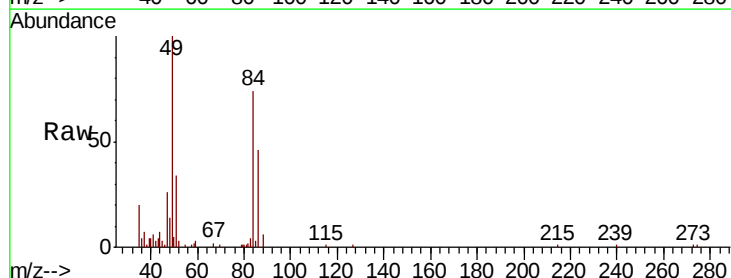
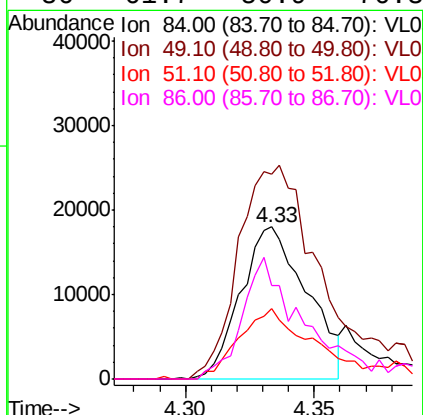
Ion Ratio Lower Upper

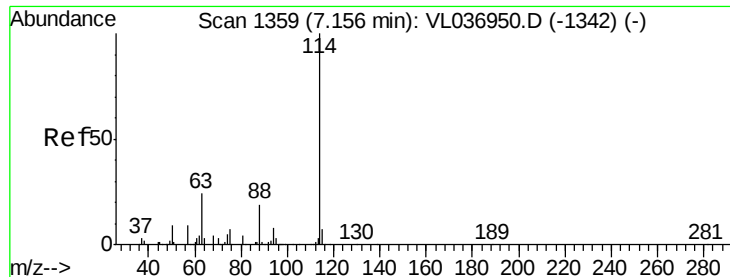
84 100

49 135.0 119.8 179.6

51 46.5 35.1 52.7

86 61.7 50.9 76.3





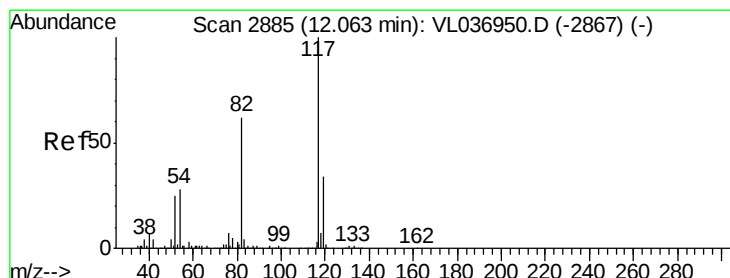
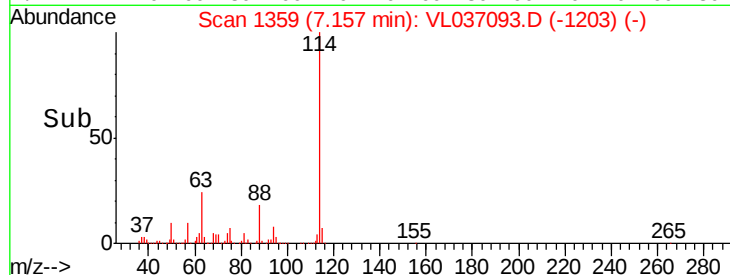
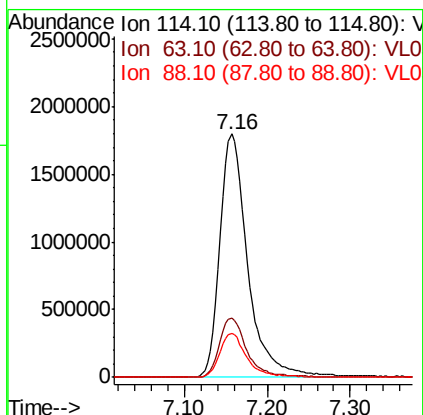
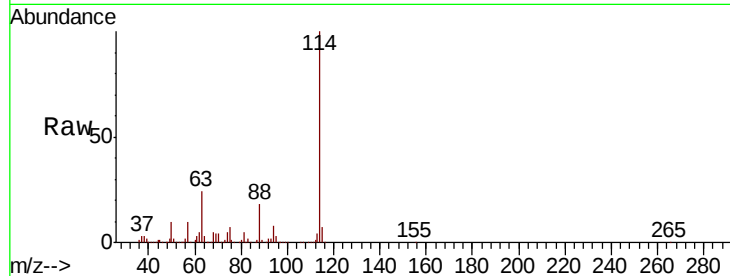
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VL037093.D
 Acq: 2 Jun 2021 6:11

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-4ADL

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.4	19.6	29.4
88	17.9	14.6	21.8

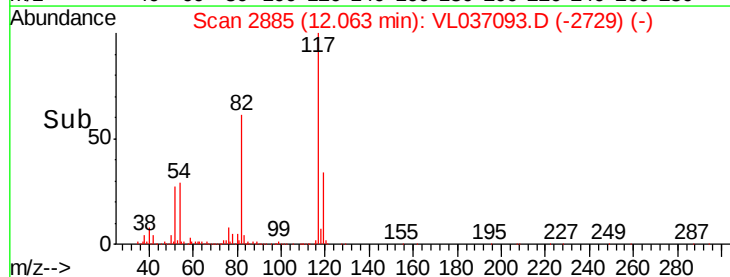
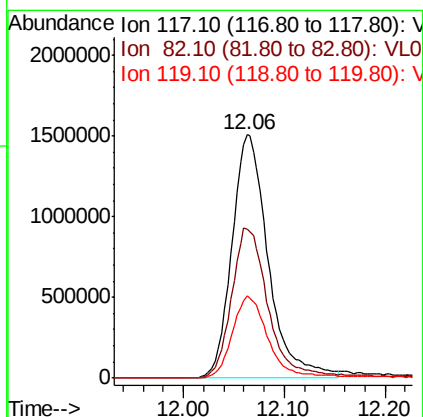
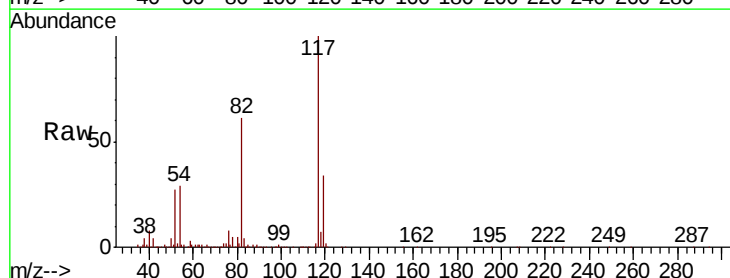
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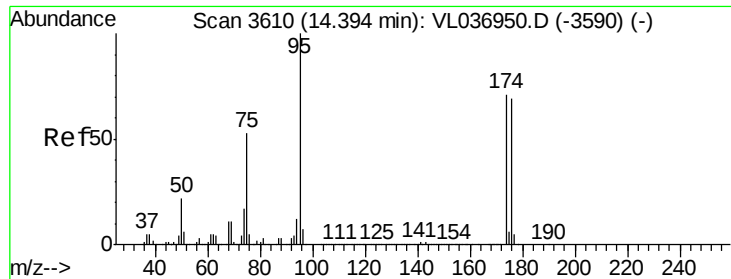
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.06 min Scan# 2885
 Delta R.T. 0.00 min
 Lab File: VL037093.D
 Acq: 2 Jun 2021 6:11

Tgt Ion	Ratio	Lower	Upper
117	100		
82	65.1	52.6	79.0
119	34.2	46.6	70.0#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.524 ppbv
 RT: 14.39 min Scan# 3610
 Delta R.T. 0.00 min
 Lab File: VL037093.D
 Acq: 2 Jun 2021 6:11

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-4ADL

Tot Ion: 95 Resp: 2693471
 Ion Ratio Lower Upper
 95 100
 174 77.6 58.4 87.6
 175 5.9 4.4 6.6

Manual Integrations
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